कोयला मंत्रालय के राज्य मंत्री (श्री अजीत कुमार पांजा): (क) कोल इंडिया लि॰ के अंतर्गत 15 कोककर कोयले की खाशरियां हैं जिनकी पूर्ण वार्षिक क्षमता 25.22 मि॰ टन है।

(ख) और (ग) परिचालन क्षमता, उपयोगिता की प्रतिशतता तथा राख की मात्रा के खाशरी-वार ब्यौरे नीचे दिये हैं:—

खाशरियों का नाम	1991-92	1992-93			1993-94		
	परिचालन क्षमता (मि॰ ट॰प्र॰व॰)	उपयोगिता प्रतिशतता	धुले कोयले में राख का %	% उप-योगिता	धुले कोक्ले में राख का %	उपयोगिता प्रतिशतता	धुले कोयले में राख की प्रतिशतता
1	2	3	4	5	6	7	8
भारत कोकिंग कोल लि॰ (भा॰को॰को॰लि॰)							
दुग्दा (1 तथा 11)	3.80	58.3	22.0	58.9	23.2	62.8	20.50
भोजुडीह	1.70	93.5	20.1	87.6	20.6	89.4	19.00
पाथेरडीह	1.60	51.3	23.4	59.4	22.7	61.8	21.50
सुदामडीह	2.00	49.5	19.5	45.0	20.1	40.5	19.00
मूनीडीह	2.00	42.5	19.1	45.5	19.0	52.3	18.00
लोदना	0.40	75.0	24.0	87.5	22.8	97.5	21.50
बोग	0.42	52.4	20.7	66.7	20.4	78.6	19.00
मोहुदा	0.63	31.7	18.4	63.5	18.2	57.1	17.50
सेन्ट्र कोलफील्ड्स लि॰ (से॰को॰लि॰)							
कारगली	2.72	89.0	20.1	93.0	20.7	91.2	18.25
कठारा	3.00	61.7	19.8	64.0	19.4	60.7	18.25
सवांग	0.75	144.0	19.8	141.3	19.5	131.9	18.25
गिडी	2.00	79.5	21.6	88.0	20.2	89.5	18.25
राजरप्पा	3.00	60.3	20.2	59.0	20.3	56.8	17.75
वेस्टर्न कोलफील्ड्स लि॰ (वे॰को॰लि॰)							
नंदन	1.20	49.8	18.2	50.5	19.2	51.4	17.50

Improvement or. quality of indigenous Coal

3498. SHRI T. VENKATRAM REDDY: Will the Minister of COAL be pleased to' state:

(a) how do the grades ofcoal produced in the

(b) what is being done to improve the quality of coal produced in the country?

THE MINISTER OF STATE OF THE MINISTER OF COAL (SHRI AJIT KUMAR ' PANJA): (a) Coal is internationally traded on the basis of Gross Calorific Value (GCV), ash content, moisture content and sulphur content. Indian coal in which the inherent ash content is higher as compared to internationslly traded coal is graded on

ced in major coal producing count

the basis of the Useful Heat Value (UHV) for non-coking coal and for coal classified as coking coal is the ash content and further for coal classified as semi-coking and weakly coking, the ash plus moisture content of such coal.

(b) with a view to improving the quality of coal produced in the country, the following steps have been proposed/ taken;

(i) segregation of stones and shales at the time of loading;

(ii) ensuring better supervision to maintain quality control and developing quality consciousness among workers, supervisors and executives engaged in mining and despatch of coal.

(iii) installation of Coal Handing Plants and feeder breakers etc.

(iv) collection of samples from coal despatches for the purpose of quality control.

(v) installation of a number of coal washeries for beneficiating both coking/ non-coking coal.

Pollution in Coal fields

3499. SHRI SARADA MOHANTY: Will the Minister of COAL be pleased to state:

(a) whether Government arc aware of the increasing pollution in the coal fields of Orissa and Bihar;

(b) if so, the steps taken to check the air and water pollution in those coal fields;

(c) whether any action plan has been drawn up for the purpose; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI AJIT KUMAR PANJA) :(a) to (b) coal mining activities (including coalfields in Orissa and Bihar) particularly the opencast have an adverse effect on the environment due to degradation of land, air and water pollution etc. However in order to mitigate the adverse effects due to mining operations action is taken for implementation of environmental protective measures viz. land reclamation, afforestation, control of air and water pollution etc.

Environmental Management Plans (EMPs) which include the details of Environmental protective measures are an integral part of coal project. These EMPs incorporate the mitigative measures to be undertaken viz. land reclamation, afforestation and control of air, water pollution and rehabilitation etc. The implementation of these EMPs are also monitored by the coal companies and the Government.

Disputes outstanding on account of quality of Coal between CIL and Power Sector

3500. SHRI PARMESHWAR KUMAR AGARWALLA: Will the Minister of COAL be pleased to state:

(a) whether it is a fact that there have been a large number of disputes outstanding on account of quality of coal between the Coal India Limited and the power sector;

(b) if so, the details as to the number and nature of these disputes, money involved for the last three years;

(c) whether a decision has been taken that sampling of coal will be done at the loading end;

(d) whether this decision has been implemented: and

(c) if not, reasons thereof;

THE MINISTER OF STATE OF THE MINISTRY OF COAL (SHRI AJIT KUMAR PANJA) :(a) Yes, Sir.

(b) Complaints are generally on account of over-size/under-size and presence of stones, shales and other non-coal material in coal. Although precise number of complaints are not readily available, company-wise total deductions as well as deductions made on account of quality by the power houses during